

ACCREDITED STANDARDS COMMITTEE, C37

1300 North 17th St., Suite 1847, Rosslyn, VA 22209

MINUTES

MEETING: ACCREDITED STANDARDS COMMITTEE
C37, SWITCHGEAR

PLACE OF PLACE OF MEETING: WESTIN LA PALOMA RESORT AND SPA
3800 E SUNRISE DRIVE
TUCSON, AZ 85718
TEL: (520) 742-6000
FAX: (520) 577-5878

Guest
DATE AND TIME: TUESDAY, SEPTEMBER 21, 2004
5:45 P.M. - 6:15 P.M. PDT

PRESENT

P.	Barnhart	UL	Member
T.	Burse	Powell Electrical	Guest
E.	Byron	Schneider Electric / Square D	Guest
C.	Chow	PEPCO	Guest
J.	Collins	NEMA	Member
A.	Dixon	Alex Dixon, Inc.	Member
P.	Dwyer	General Electric	Guest
L.	Farr	Eaton Electrical	Guest
D.	Galicia	Ameren Corp	Member
N.	Gunderson	Schneider Electric / Square D	Guest
D.	Lemmerman	Exelon Peco-Energy	Member
H.	Liu	Southern California Edison	Guest
R.	Long	Eaton Electrical	Member
F.	Mayle	Technibus	Guest
D.	Mazumdar	Central Electric Manufacturing Co.	Guest
N.	McQuin	McQuin Electrical Power Consultant	Member
A.	Morse	Eaton Electrical	Guest
J.	Nelson	TVA	Member
T.	Olsen	Siemens PT&D	Member
M.	Orosz	Schneider Electric / Square D	Guest
A.	Peterson	Utility Service Corp.	Member
R.	Puckett	DuPont (Retired)	Guest
C.	Schneider	Schneider Electric / Square D	Guest
D.	Sigmon	ABB	Member
S.	Slattery	Siemens E&A	Guest
J.	Smith	Eaton Electrical	Guest
K.	Smith	Eaton Electrical	Guest
A.	Storms	Consultant	Guest
P.	Sullivan	DuPont	Guest
M.	Wactor	Powell Electrical Mfg.	Guest
J.	Wood	PG&E	Member

PRESIDING OFFICER T. OLSEN, CHAIRMAN

SECRETARY J. COLLINS

I. APPROVAL OF PREVIOUS MINUTES

The minutes of the meeting held in Galveston Island, Texas, on May 4, 2004 were approved as modified. Under Section II, Membership Changes, line 7, change "Safety Group" to "Testing Group". No other changes were submitted.

II. MEMBERSHIP CHANGES

The Chairman once again reminded the three delegations in ASC C37 that each have a vacancy or two to fill in their respective voting delegation memberships. The Chairman of the EEI Delegation also needs replacement since Mr. Al Worland, retired on June 30, 2004.

III. ASC C37 OPERATING PROCEDURES REVISION

Mr. Olsen stated that the ASC C37 operating procedures are still in need of revision to conform to ANSI's 2004 essential requirements. Items such as appeals procedures and patent procedures must be added. Although the changes required will not be too extensive, they should be approved prior to the next meeting by letter ballot. It is anticipated that the revised operating procedures for ASC C37 will out for ballot in late fall 2004.

Action: Chairman and Secretary will coordinate in revising and preparing the revised draft operating procedures for letter balloting. Goal is to issue the letter ballot by late November on a thirty-day turnaround.

IV. RESULTS OF ASC C37 AUDIT HELD AT NEMA IN JULY 2004

The Secretary briefed the Committee on the results of the audit and future actions based on the audit results. The Secretary reported that the audit was passed successfully based on two verbal debriefing sessions—one via teleconference. Discrepancies identified were relatively minor in nature. Principal issues that need follow up work include revising the ASC C37 Operating Procedures as noted above and some recommendations to streamline the letter balloting process and general file maintenance. A written report on the audit, which encompasses six ASCs, including ASC C37, and several NEMA-ANSI standards, will be issued in the next 2-4 weeks. The audit should support ASC C37 operations for the next five years.

IV. C37 STATUS REPORTS

The Chairman distributed the ASC C37 Conformance Standards September 2004 status report to attendees present at the meeting. A copy of this report to ASC C37 and a copy of the IEEE PES Switchgear Committee Liaison Report ASC C37 update are attached to these minutes as (**Exhibits 1 and 2**). The Chairman stated, in addition, that all conformance standards are current, except for C37.50, which will likely require a reaffirmation letter ballot in 2005. Further work to revise C37.50-2000 awaits the completion of the revision and publication of C37.13.

V. NEW BUSINESS

- A. C37.53.1 Conformance Test Procedures for High Voltage Current Limiting and Motor Starter Fuses – Should this conformance assessment standard be returned to NEMA sponsorship and ASC C37 management from IEEE? It was reported that the IEEE HV Fuses Committee is questioning whether C37.53.1 can be properly maintained under IEEE sponsorship. Following discussion on the pros and cons of transferring the standard back to NEMA, it was decided that unless a formal request for transfer is received, C37.53.1 should remain under IEEE sponsorship and continue to be supported by the HV Fuses Committee.

- B. Is there any other new business to discuss at this time? Mr. Dean Sigmon, Chairman of the IEEE Delegation to ASC C37, raised a question on why C37.50 is maintained under NEMA sponsorship. C37.50 is a conformance assessment document, which is within the category of standards retained and maintained by NEMA following the late 2002 reallocation of standards responsibilities between NEMA and IEEE. Although some additional questions were raised about design testing, no action was taken on this issue at this meeting. It was further mentioned that C37.50 and the other conformance assessment C37 standards maintained by NEMA are available for free downloading on the NEMA website.

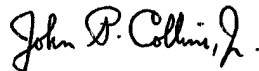
VI. TIME AND PLACE OF NEXT MEETING

The consensus of the ASC C37 Committee and the other attendees present was to continue face-to-face meetings, since they provide a valuable format for the exchange of information. The next meeting is scheduled to take place on Tuesday, May 10, 2005, starting at 5:45 PM EDT, at the Tradewinds Resort Complex, St. Pete Beach, FL.

VII. ADJOURNMENT

There being no additional business, the meeting was adjourned at 6:23 pm.

Reported by:



John P. Collins Jr.,
Secretary, ASC C37 Committee
October 4, 2004

EXHIBITS: 1-2

AS 10/5/04
Reviewed by Counsel

**ACCREDITED STANDARDS COMMITTEE
C37, POWER SWITCHGEAR**

**LIAISON REPORT
IEEE PES SWITCHGEAR COMMITTEE
FALL, 2004 MEETING
WESTIN LA PALOMA
Tucson, AZ
21-Sept-2004**

ASC C37 operating procedures were approved by the C37 Committee at the Fall 2002 meeting in Galveston. NEMA is the secretariat of the Committee.

The committee continues to operate in essentially similar fashion the recent past, with participation by the three major delegations (IEEE, Electric Light & Power, and NEMA) and by general interest members. The balloting procedures are working very satisfactorily.

ANSI conducted an audit of the ASC C37 committee in July, 2004. The formal report has not been received, but verbal comments during the audit indicate that the audit was successful. During the audit, needed changes to the operating procedures were discussed, and new guidelines given by ANSI. The operating procedures will be revised to conform to ANSI requirements, including reformatting to fit ANSI desires. Other than technical changes mandated by ANSI (e.g., patents, appeals, etc.), no significant changes from the technical requirements of the present operating procedures are presently envisioned.

Status summary:

Document Status Summary		
C37.50	Approved 1989-01-10 Reaffirmed 2000	Current – need to reaffirm in 2005. Reaffirmation ballot will be initiated Revisions to start when C37.13 revised.
C37.51	Approved 2003-10-31	Current
C37.52	Approved 1974-10-01 Reaffirmed 2000-03	Will be allowed to expire
C37.54	Approved 2003-03-21	Current
C37.55	Approved 2003-03-21	Current
C37.57	Approved 2003-04-14	Current
C37.58	Approved 2003-04-14	Current
C37.85	Approved 2002-11-08	Current

The documents that remain under ASC C37 responsibility are available for download free of charge at the NEMA website.

- Go to www.nema.org
- Select "standards"
- Enter "C37" in the search block, and select the "document number" button.
- The result will be an opportunity to download the relevant documents free of charge

The activities of the Committee are conducted almost entirely by E-Mail, with informational update meetings held in conjunction with the IEEE PES Switchgear Committee meetings.

T. W. Olsen
Chair, ASC C37 Power Switchgear

**Accredited Standards Committee C37 Power Switchgear
Document Status
21-Sept-2004**

Document	Title	ANSI C37 Status	Document Status
C37.50	Low-Voltage AC Power Circuit Breakers Used in Enclosures — Test Procedures	App 01-20-89 Reaff 3-00	Current. Needs to be reaffirmed in 2005. Reaffirmation ballot will be initiated. Coordinate with C37.13 revisions as necessary. C37.13 expected to ballot in 2005.
C37.51	Metal-Enclosed Low-Voltage AC Power-Circuit-Breaker Switchgear Assemblies—Conformance Test Procedures	App 10-31-03	Current.
C37.52	Procedures for Low-Voltage AC Power Circuit Protectors Used in Enclosures	App 10-01-74 Reaff 3-00	Allow to expire.
C37.54	Conformance Test Procedures For Indoor Alternating Current Medium-Voltage Circuit Breakers Applied As Removable Elements In Metal-Enclosed Switchgear	App 03-21-03	Next action – 2008
C37.55	Metal-Clad Switchgear Assemblies—Conformance Test Procedures	App 03-21-03	Next action – 2008
C37.57	Metal-Enclosed Interrupter Switchgear Assemblies—Conformance Testing	App 04-14-03	Next action -- 2008
C37.58	Indoor AC Medium-Voltage Switches for Use in Metal-Enclosed Switchgear— Conformance Test Procedures	App 04-14-03	Next action – 2008
C37.85	Alternating-Current High-Voltage Power Vacuum Interrupters—Safety Requirements for X-Radiation Limits	App 11-08-02	Next action – 2007